

Date: Tue, 19 Apr 94 20:32:55 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #435
To: Info-Hams

Info-Hams Digest Tue, 19 Apr 94 Volume 94 : Issue 435

Today's Topics:

 10 M repeaters ? (2 msgs)
 aurorae and HF
 does a speech -> cw system exist?
 Faa processing.... (2 msgs)
 HTX-202 Is this a good starter rig?
 Illinois anti scanner legislation (3 msgs)
 Internet > Packet gateways??
 Kenwood TH-78A *OR* Yaesu FT-530
 Looking for Thurs nite Dayton room
 Needed, Yeasu FL-101 manual (2 msgs)
 PED Ver 4.11i CW Pileup Trainer has been released
 RS Sale on Handhelds ????

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 19 Apr 94 21:31:12 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!news.cerf.net!ccnet.com!ccnet.com!not-for-
mail@ucbvax.berkeley.edu
Subject: 10 M repeaters ?
To: info-hams@ucsd.edu

Patrick Arnoul (parnoul@gaap.saclay.cea.fr) wrote:
: Hi there,

: As far as I know, we don't have any repeater in the 10 Meters
: band down here in Europe.

: Can someone give me some 28 Mhz FM repeaters location and
: frequency in the USA, it could be worth monitoring them
: from France when the band is open.

: Thanks,

: 73 de f5hmk/Patrick

You may want to monitor these fm frequencies

29.50 simplex

29.60 simplex vary active

29.62 out 29.52 in repeater

29.64 out 29.54 in repeater

29.66 out 29.56 in repeater

29.68 out 29.58 in repeater

Repeaters may require ctcss tone access

You may work simplex on the output of the repeater, if you do not have
the tone to get in. Have Fun

Bob

--

Bob Wilkins	work	bwilkins@cave.org
Berkeley, California	home	rwilkins@ccnet.com
94701-0710	play	n6fri@n6eeg.#nocal.ca.usa.noam

Date: Tue, 19 Apr 1994 16:15:07 GMT

From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!EU.net!julienas!
nenuphar.saclay cea.fr!avocette!parnoul@network.ucsd.edu

Subject: 10 M repeaters ?

To: info-hams@ucsd.edu

Hi there,

As far as I know, we don't have any repeater in the 10 Meters
band down here in Europe.

Can someone give me some 28 Mhz FM repeaters location and
frequency in the USA, it could be worth monitoring them
from France when the band is open.

Thanks,

73 de f5hnk/Patrick

Date: 19 Apr 94 18:57:07 GMT
From: agate!overload.lbl.gov!dog.ee.lbl.gov!ihnp4.ucsd.edu!library.ucla.edu!
europa.eng.gtefsd.com!howland.reston.ans.net!cs.utexas.edu!gerald.cc.utexas.edu!
astro.as.utexas.edu!oo7@ucbvax.
Subject: aurorae and HF
To: info-hams@ucsd.edu

wier@merlin.etsu.edu (Bob Wier) says:

>Well, at night you might be able to go outside and watch the aurora
>instead. I've heard it was quite spectacular in Wisconsin a few nights
>ago (course we never see it here in Texas, sigh...)

Just to keep the record straight, we do see aurorae here in TX.
The recent one was visible from our observatory in WTX, where
the sky is usually very dark. The only way I saw it was via
the spectral lines that showed up on some data I was taking for
other purposes.

At least I didn't miss any good DX while I was out there...

Derek Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: 19 Apr 94 21:01:42 GMT
From: agate!howland.reston.ans.net!darwin.sura.net!nih-csl!helix.nih.gov!
arm@ucbvax.berkeley.edu
Subject: does a speech -> cw system exist?
To: info-hams@ucsd.edu

In article <CoIswx.4z8@srngenprp.sr.hp.com> alanb@sr.hp.com (Alan Bloom) writes:
>Andrew Mitz (arm@helix.nih.gov) wrote:
>: A ham radio operator friend is loosing manual dexterity due to
>: a debilitating disease. He enjoys using the morse code, but
>: will soon be unable to send. I want to adapt his PC so he can
>: send by speaking into a microphone (using voice recognition).
>

>My impression is that voice recognition software is not yet at the
>point where this would be practical.

I have to disagree. The field is ripe. Speaker-dependent recognition, especially under low noise conditions, is no longer hard to implement. My needs are not extreme. The vocabulary does not need to be extensive at first. Also, it would be easy to make the vocabulary context sensitive.

>
>An easy alternative would be to use an audio detector hooked to a
>keying transistor. That way, your friend could whistle or voice
>the code directly.
>
>I have also heard of mouth-activated switches that handicapped
>people have used to send code.

Let's put my friend in the 1990s, not the 1960s.

>
>You might contact the Handi-Hams organization for ideas. I have
>the address at home and can bring it in if needed.

Good thought. I will check QST.

>
>AL N1AL
>

--

Andrew Mitz, Biomedical Eng., National Institutes of Health Animal Center, Poolesville, MD | Opinions are mine alone
arm@helix.nih.gov

Date: 19 Apr 94 20:56:16 GMT
From: agate!howland.reston.ans.net!wupost!bigfoot.wustl.edu!cec3!
jlw3@ucbvax.berkeley.edu
Subject: Faa processing....
To: info-hams@ucsd.edu

Nael Sabha (nsabh@bssv01.hac.com) wrote:
: I have read in the past about someone asking how long it takes
: to get a license. Well, I got mine recently (this weekend) and
: it was 62 days from the test day.

Did the subject mean FCC or FAA??? just wondering. . .

Date: 18 Apr 1994 14:58:56 GMT
From: ihnp4.ucsd.edu!news.cerf.net!hacgate2.hac.com!nsabh@network.ucsd.edu
Subject: Faa processing....
To: info-hams@ucsd.edu

I have read in the past about someone asking how long it takes to get a license. Well, I got mine recently (this weekend) and it was 62 days from the test day.

--

Nael Sabha KE6GRC
nsabh%psh006@hac2arpa.hac.com
Hughes Aircraft Company
(714) 732-6423

Date: Tue, 19 Apr 1994 16:53:12 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!news.ucdavis.edu!csus.edu!netcom.com!csllye@network.ucsd.edu
Subject: HTX-202 Is this a good starter rig?
To: info-hams@ucsd.edu

I am wondering if the Radio Shack HTX-202 is a good starter unit? All of the ones I have seen in the swap group have been sold, so it looks like I am going to buy one brand new. Just want to see if this is what I want before the end of the month so I can get it on sale. Is there any other 2m hand-held units out there for about the same price? In the mags I have got they dont have prices, and by the time I get home to use a phone everything is closed. :(If I do go with this unit what else should I get? I am looking at a MFJ 300watt 5/8 wave ground plane 2m base antenna (MFJ-1750) to use when at home, and mabey a MFJ-1728 5/8Wave 2m mobile antenna for the auto...And use the ducky that comes with it for handheld usage... Does this sound like something that will work for me for a few years? And what about cable? The mobile comes with 12 feet, I will need about 50feet to get from my room to the top of the antenna tower. Also talking about antenna tower, I have a old TV antenna that we dont use so I want to cut the top off, and use that as my mounting tower. Does anyone see a problem with that? (Becides trying to get up that high :) Is there anything I missed? I am very new the the ham radio scene, and want to get something that will work for a bit.. But dont have alot of money :) Any help will be GREAT!

Thanks!!

--

cslve@netcom.com

Date: Tue, 19 Apr 1994 15:09:52 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!news.intercon.com!uhog.mit.edu!
nntp.club.cc.cmu.edu!cantaloupe.srv.cs.cmu.edu!dolphin!ed@network.ucsd.edu
Subject: Illinois anti scanner legislation
To: info-hams@ucsd.edu

I heard a story from a ham - who heard it from another...

2 men in park rock climbing - remote area of state (unknown which state)
1 fell and was badly injured, other had 2m ht in his backpack. Due to
location on side of rock face he was unable to access any 2m repeaters, or
raise anybody on simplex. His radio was wide band & modified so he
identified himself & asked for help on local sherriff frequency, they
responded.

After injured man was rescued, the sherriff asked the ham to come down to the
station to help them fill out the accident reports & to bring his ht, they
wanted to see how it works. Well, when he got there, they confiscated his ht
and charged him with several criminal offenses and fined him heavily.

Now according to my understanding, in a matter of life or property anybody is
permitted to transmit on any frequency in any mode necessary to communicate
with emergency personel. This is an FCC issued federal law.

How can a state contradict a federal law?

Ed Bathgate
Ed@fore.com

Date: 19 Apr 94 16:06:15 GMT
From: yale.edu!noc.near.net!news.delphi.com!BIX.com!hamilton@yale.arpa
Subject: Illinois anti scanner legislation
To: info-hams@ucsd.edu

ed@fore.com (Ed Bathgate) writes:

>How can a state contradict a federal law?

I'm no attorney, but I suspect the answer is they can do anything they

want until someone with enough money to do so decides to challenge them in court.

Regards,

Doug Hamilton KD1UJ hamilton@bix.com Ph 508-358-5715
Hamilton Laboratories, 13 Old Farm Road, Wayland, MA 01778-3117

Date: 20 Apr 94 01:37:23 GMT
From: news-mail-gateway@ucsd.edu
Subject: Illinois anti scanner legislation
To: info-hams@ucsd.edu

Text item: Text_1

>Prohibits the possession of a receiver... unless the
>device operates exclusively on alternating current power.

What if the alternating current power is generated in your car?
Assuming an AC-only receiver, would it be illegal to transport
it in a vehicle along with a dc/ac inverter?

73, Cecil, kg7bk@indirect.com (I don't speak for Intel)

Date: 19 Apr 94 20:10:06 GMT
From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!library.ucla.edu!
ihnp4.ucsd.edu!pacbell.com!amdahl!amd!netcomsv!telesoft!garym@ucbvax.berkeley.edu
Subject: Internet > Packet gateways??
To: info-hams@ucsd.edu

In <marchbgCoIC32.8x0@netcom.com> marchbg@netcom.com (Marc B. Grant) writes:
>Does anyone have a list of Internet > Packet gateways? I use N0ARY, but
>would like to find others closer to some other geographic locations.

Here is the short list of I have. It's probably not complete and some of
the older ones may no longer be operating. I haven't verified any of these
except N0ARY which the one I use.

Does anyone know of any we can add to the list? Especially any in
Southern California?
--GaryM

Internet Email / Amateur Packet Gateways

Location	BBS	Contact Address	Date of Info
-----	-----	-----	-----
Sunnyvale, CA	N0ARY	gateway_info@arasmith.com	94-04
Fremont, CA	N6QMY	gateway_info@lbc.com	94-02
Arizona	WB7TPY	david@stat.com	93-05
New Jersey	KA2QHD	johnd@ka2qhd.ocpt.ccur.com	92-05
Pittsburg	W2X0	durham@w2xo.pgh.pa.us	92-05

Date: Wed, 20 Apr 1994 01:45:58 GMT
 From: vigra.com!steve@network.ucsd.edu
 Subject: Kenwood TH-78A *OR* Yaesu FT-530
 To: info-hams@ucsd.edu

--=}>> On 9 Apr 1994 22:01:07 GMT, mrw13@namaste.cc.columbia.edu (Marc Richard Wollemborg) said:

> Has anybody tried both of the above radios and could tell me which of the two
 > I should choose? I hear the Kenwood is nice and small, has a great display,
 > but is a bit hard to program and does suffer from intermod problems. Please
 > email any "votes" or comments. Thanks.

I'm just now shopping for a 2m/440 HT and am trying to make the same decision. The local HRO has the Kenwood TH-78A for \$389 and the Yaesu FT-530 for \$399, so price doesn't seem to be a factor.

I'm totally new to radio (no license yet), so I'm not sure how much to value the different features, but I have plenty of time to learn/shop.

They can both be modified to open up the Rx and Tx ranges, but it sounds like there are many weak areas as you get away from the ham bands.

After mods, the Kenwood does these:
 Rx: 50-180 300-400 400-512 800-950
 Tx: 136-180 400-512

The Yaesu does these:
 Rx: 110-180 300-500 800-859
 Tx: 130-180 400-470

At first, I liked the idea of getting FM Broadcast Radio (88-108) on the Kenwood, but now I read that it's modulated differently (wide-band?) and doesn't come in anyway, so that's out.

The Kenwood has a six-character alphanumeric display & memory, while the Yaesu does not. Apparently, you can get an optional microphone

for the Yaesu that does have an alpha display, but I haven't seen it, and I'm sure it's pricey.

The Yaesu has "CTCSS" included while it's an extra option on the Kenwood. I have no idea what that feature does, but radios that have it seem to boast about it. The Yaesu also has some kind of Automatic Tone Search feature that I don't yet understand.

Both radios can do VHF/VHF and UHF/UHF, but some people say that this adds interference.

The Yaesu has 82 memories, the Kenwood 50 (expandable to 250?). The Yaesu has a light-up keypad, and I don't think the Kenwood does. The Kenwood does, however, have some internal video games :-).

I've only been shopping for a few days, and I'm beginning to wonder why I don't see much of the Kenwood TH-78A mentioned in comparisons. The general list of recommended models seems to be: ICOM W21AT, Standard C558, Yaesu FT-530, Alinco DJ-580T with no mention of the Kenwood. Hmmm... Is there some glaring problem with this unit that takes it right out of the running from the start?

I'm anxious to hear what other net.folks have to say about these two models.

-Steve

Steve Haehnichen
steve@vigra.com

Vigra, Inc. San Diego, CA
(619) 597-7080 x116 Fax: (619) 597-7094

Date: 19 Apr 1994 15:36:23 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!news.umbc.edu!haven.umd.edu!cville-srv.wam.umd.edu!
ham@network.ucsd.edu
Subject: Looking for Thurs nite Dayton room
To: info-hams@ucsd.edu

As stated in the subject, I'm looking for a cheap place to stay for me and my wife for Thursday night in Dayton (Friday and Saturday taken care of). Does anyone have an extra room reserved?

Scott NF3I

--

73,

----- The
 \ / Long Original

Scott Rosenfeld Amateur Radio NF3I Burtonsville, MD | Live \$5.00
WAC-CW/SSB WAS DXCC - 125 QSLed on dipoles _____| Dipoles! Antenna!

Date: 19 Apr 1994 14:50:42 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!news.intercon.com!udel!
huey.udel.edu!hanavin@network.ucsd.edu
Subject: Needed, Yeasu FL-101 manual
To: info-hams@ucsd.edu

Hi, I recently picked up a Yeasu FL-101 transmitter,
but didn't get the manual/schematic. Does anybody know
the address of Yeasu or Fox Tango? or better yet, mind
photo copying one for me, I will reimburse cost.

Much Appreciated, Chuck (WB3FJJ)

Date: 19 Apr 1994 16:44:59 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!
vixen.cso.uiuc.edu!newsrelay.iastate.edu!news.iastate.edu!kenman@network.ucsd.edu
Subject: Needed, Yeasu FL-101 manual
To: info-hams@ucsd.edu

In article <2p0r42\$hpg@louie.udel.edu> hanavin@huey.udel.edu (Chuck Hanavin)
writes:

>the address of Yeasu or Fox Tango? or better yet, mind
 ^^^^^^^^^^

Who are these Fox Tangos? I just bought an FT-990 and if FT is some sort of
newsletter I'd be interested.

Also, is there a listserv for Yaesu owners?

Thanks,

Ken

--
Ken Anderson NOZEM Kenman@iastate.edu PH: 515.294.8996

126 Soil Tilth Bldg., Iowa State University, Ames, Iowa 50011

Date: 19 Apr 94 10:50:43 GMT
From: news.iij.ad.jp!wincgw1!creamy!icspub!ce-gw!ee!kitagawa@uunet.uu.net
Subject: PED Ver 4.11i CW Pileup Trainer has been released
To: info-hams@ucsd.edu

Ver 4.11i of PED CW Pileup Trainer for IBM-PC has been released by
JE3MAS MasIII Hiroyuki Kozu <KHD00751@niftyserve.or.jp>. Detailed
release information appears at the end of the article.

The latest versions of PED are available by anonymous ftp from

qed.laser.ee.es.osaka-u.ac.jp: /pub/radio/ped

directory as

61200 Apr 19 15:00	ped411i.zip	for IBM-PC in ZIP
60124 Apr 19 16:01	ped411i.lzh	for IBM-PC in LZH
60618 Apr 18 21:53	ped98410.lzh	for NEC PC9801

The file "ped411i.zip" has been also uploaded to the SimTel Software
Repository and will be announced to comp.archives.msos.announce and
rec.radio.amateur.misc when it becomes available.

Enjoy CW contests and DX-peditions in virtual world!
and don't forget to call us in the real World Wide contests:-)

*--- *- ***-- ---* --- ****
masa JH3PRR // Mt.RF JA3ZOH kitagawa@ee.es.osaka-u.ac.jp
*--- **** ***-- *---* *-* *-*

----- PED.TXT follows -----
>>>>>>> CW Pileup trainer Ped.exe Ver 4.11i by JE3MAS <<<<<<<<
Copyright(C) 1993,1994 by MasIII H.Kozu

/* This is a free software. It can be freely distributed. */

```
*-----*
| This is a pileup trainer for IBM PC and Sound Blaster users. |
| You can run a 9 station pileup as long as you like.         |
| 18 stations when using Sound Blaster PRO                     |
|                      or Pro Audio Spectrum 16!!             |
| 1 station with beep sound for users without sound card.     |
| New super pileup mode supported.                             |
*-----*
```

***** Reference *****

<<running ped>>

```
Ped [-prn][-pro|-pas][-xt][-super]
    ;-prn    Selects Printer port for connecting Paddles.
              (Default is Joystick port on your Sound Blaster)
    ;-pro    For Sound Blaster PRO users.
    ;-pas    For Pro Audio Spectrum 16 users.
    ;-xt     For PC XT users.
    ;-super  Super pileup mode.
              * In this mode,pileup becomes double.
              * Some functions are disabled.
              * Pileup S/N becomes worse.
```

<<Sound Blaster Base I/O address>>

default ; 220h

You can select 240h I/O address by using the following:

SET BLASTER=A240 I7 D1 T2

(As for 'BLASTER' , See Sound Blaster Installation Guide)

<<MVSOUND.SYS Driver (for PAS16 users)>>

Pro Audio Spectrum 16 users must insert a line like

DEVICE=C:\PROAUDIO\MVSOUND.SYS D:3 Q:7

in your CONFIG.SYS file in order to load MVSOUND.SYS driver.

(Refer to PAS16 user's guide for more information about
MVSOUND.SYS driver.)

<<Keys equivalent to CT>>

HOME,CTRL-A	:Start of field
END,CTRL-E	:End of field
BS, CTRL-H	:Backspace
DEL,CTRL-D	:Delete character
CTRL-K	:Delete to end of field
CTRL-W	:Delete field
Right Arrow,CTRL-F	:Forward character
Left Arrow,CTRL-B	:Backward character
Alt-F8,Alt-W	:Wipe QSO
Alt-F9	:QRS

Alt-F10	:QRQ
Alt-Q	:Quit
F1	:Send CQ message
F2	:Send exchange message
F3	:Send confirm message
F4	:Send my call
F5	:Send his call
F6	:Send cl?
F7	:Send ?
return,CTRL-M	:Log QS0
Ins	:F5 and F2
ESC	:Panic stop
+	:F3 and Return
Spacebar	:Toggle call and No.(Only for CT trainer)
shift+F1	:Set F1 message
shift+F2	:Set F2 message
shift+F3	:Set F3 message
shift+F4	:Set F4 message
shift+F6	:Set F6 message
shift+F7	:Set F7 message

<<Keys not equivalent to CT>>

CTRL-I	:Change input mode(insert[default]/overwrite)
CTRL-R	:Reverse Paddle dot and dash
Upward Arrow	:QRQ (coarse)
Downward Arrow	:QRS (coarse)
shift+Upward Arrow	:QRQ (fine)
shift+Downward Arrow	:QRS (fine)
alt+Upward Arrow, shift+f9	:Tone pitch adjust
alt+Downward Arrow, shift+f10	:Tone pitch adjust
Pg Up	:Tuning dial (up)
Pg Dn	:Tuning dial (down)

<<Text commands you can use>>

QUIT	Quit and return to menu
CORRECT	Adds hiscall to confirming message when you make any correction.

NOCORRECT Disables CORRECT

<<How to connect Paddles or Keyer>>

You can choose one of these.

*Printer port Paddles/Keyer

Pin 12(Paper End)	-----	Foot SW
Pin 13(Select)	-----	Dash/Keyer
Pin 15(Error)	-----	Dot
Pin 18(Gnd)	-----	GND

*Joystick port Paddles/Keyer

Pin 2	-----	Dot
Pin 4,5	-----	GND
Pin 7	-----	Dash/Keyer
Pin 10	-----	Foot SW

<<Data file>>

Ped has so simple data structure that you can make your own data easily.

```
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
|<--- CALL SIGN ---->| |<----->|
                        |
                        +----- CONTEST NUMBER
```

Extension must be '.PED'.(ex. ARRL.PED)

(CT is real time contest logging software written by Ken Wolff, K1EA)
(Sound Blaster/Sound Blaster Pro are trademarks of CREATIVE LABS,INC.)
(Pro Audio Spectrum 16 is trademark of MEDIA VISION.)

I will not store any effort to help you with any problems you may have.
If you find any bugs, please send me a report. Thank you!

JE3MAS
MasIII H.Kozu
room 906,10-20,Chuo 3-chome,
Joto-ku,Osaka,536
Japan

(INTERNET: KHD00751@niftyserve.or.jp)

Date: Mon, 18 Apr 1994 12:52:11 -0500
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!news.umbc.edu!eff!
news.kei.com!ub!galileo.cc.rochester.edu!ee.rochester.edu!rochgte!
UUCP@network.ucsd.edu
Subject: RS Sale on Handhelds ????
To: info-hams@ucsd.edu

JD> didn't support the users of their first system. If I were you I'd stay
JD> away from the RS products and buy your handheld from a reputable ham
JD> radio manufacturer.

On the contrary, Radio Shack is a 'reputible ham radio manufacturer.'
Many of my friends on the air, as well as myself, have the 2M rig, and
have had no or minimal problems with it. None of us have had problems
concerning low audio. The radio contains features that others costing
hundreds of dollars more have. For the price right now, I wouldn't
hesitate to purchase the rig. Even if RS gets out of the Ham business,
which is highly unlikely due to their success with the 202, there are
so many Hams out there that have the rig, that support isn't really an
issue.

... If at first you don't succeed, destroy all evidence that you tried.

End of Info-Hams Digest V94 #435
